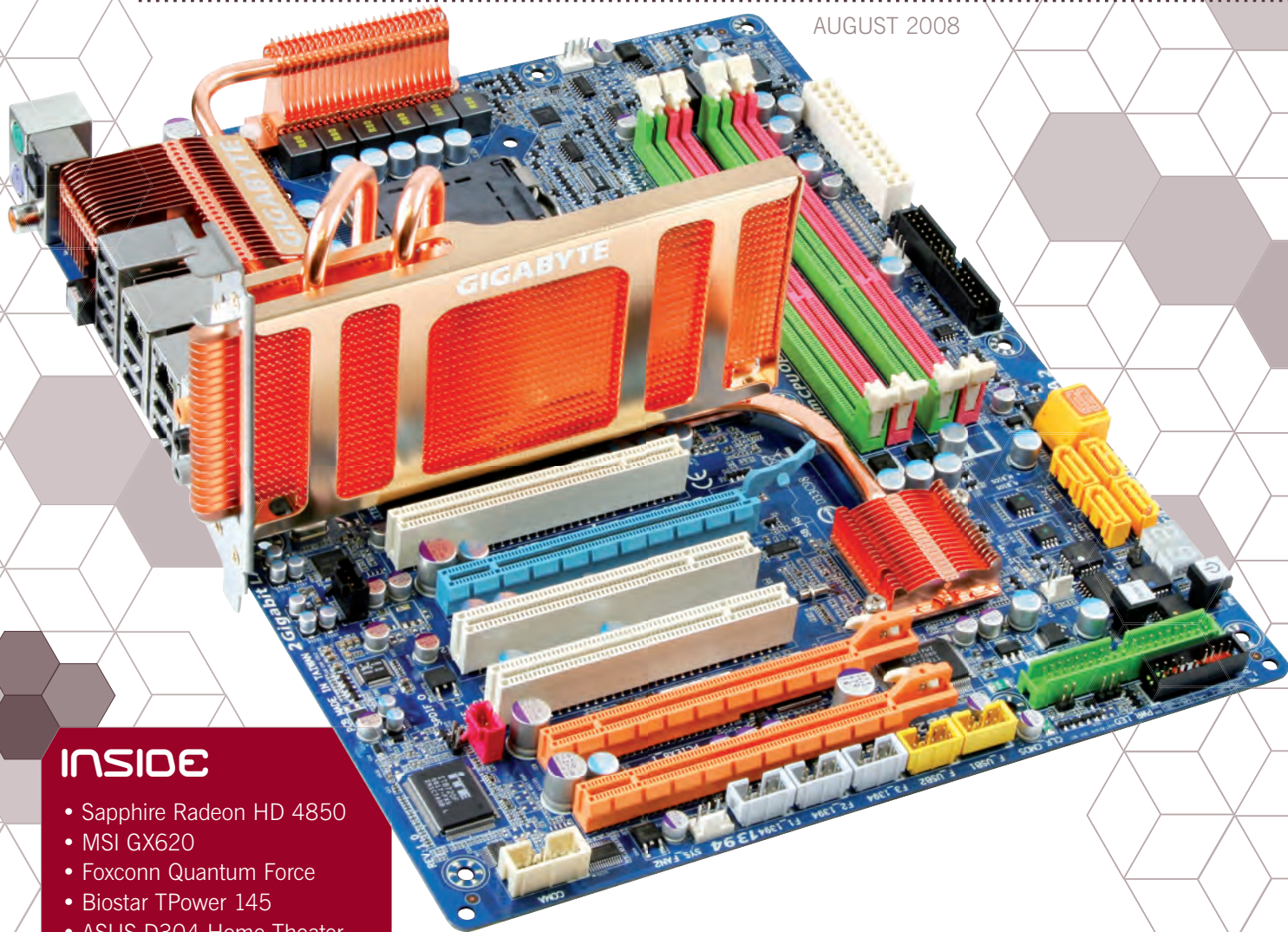


SAPPHIRE ATI COMPUTEX 2008 REPORT

A FREE SUPPLEMENT BY SACM AND NAG MAGAZINE

AUGUST 2008



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EXTREME GREEN IT

GIGABYTE pulls out all the stops with their new P45 range of motherboards. It's the wildest overclocking platform ever!

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Prepare to Dominate....

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HD GAMING Redefined

SAPHIRE HD 4870

DirectX 10.1
ATI CrossFireX™
PCI Express 2.0
Onchip HDCP - HD Beyond 1080p
HDMI with 7.1 Channel Audio
Energy Efficient 55nm process



RADEON™
HD 4870

Best in Class Performance

SAPHIRE HD 4850

DirectX 10.1
ATI CrossFireX™
PCI Express 2.0
OnChip HDCP - HD Beyond 1080p
HDMI with 7.1 Channel Audio
Energy Efficient 55nm process



RADEON™
HD 4850

Get a SAPHIRE 2GB USB-Drive

when you buy a Full Retail version of
the SAPHIRE HD4870.

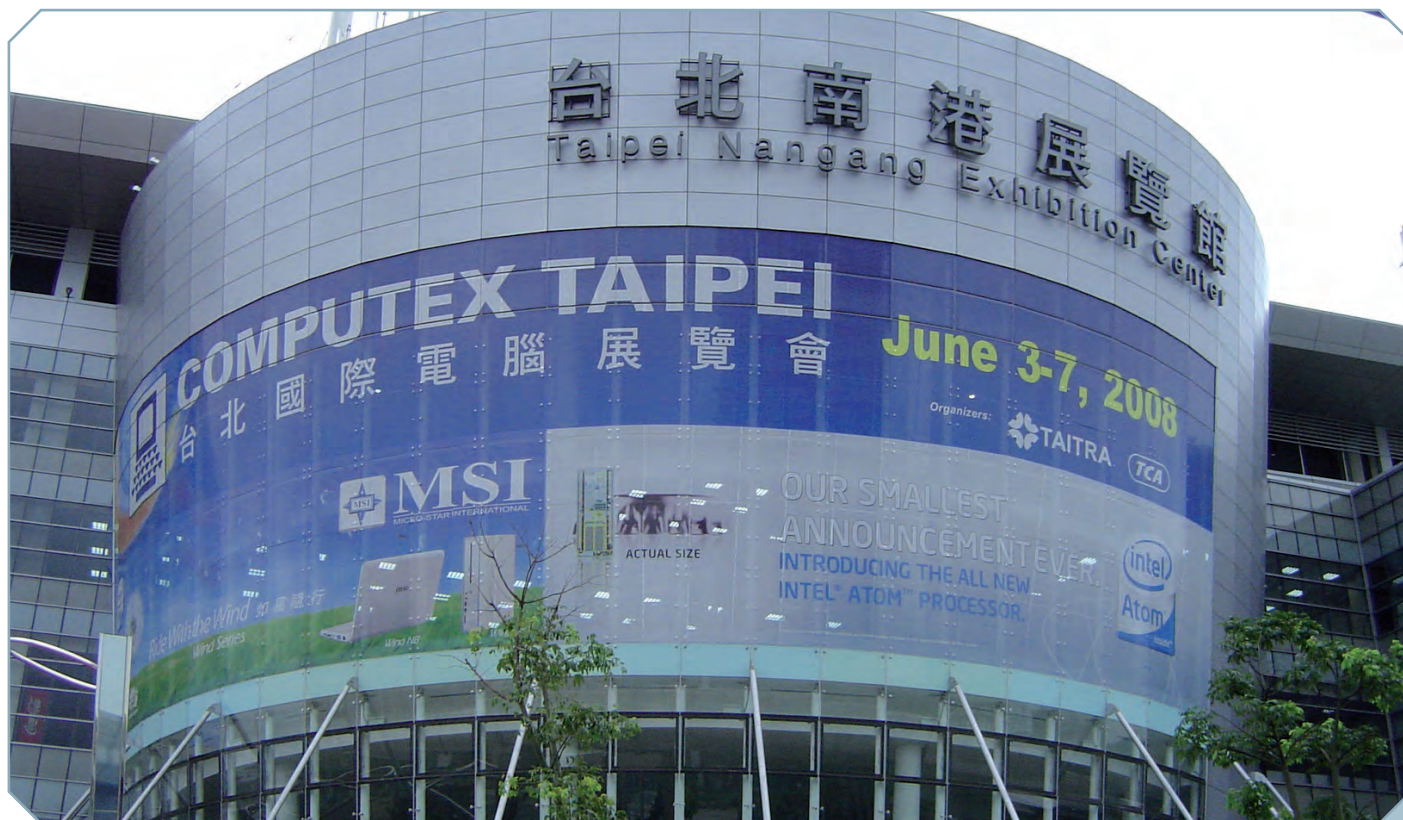
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INTRODUCTION



The Sapphire ATI Computex 2008 Report

COMPUTEX TAIPEI 2008, the largest IT expo in Asia, has recently come to a close. Drawing exhibitors and buyers from across the globe, it has rapidly increased in both size and reputation over the years. It stretched out across four massive venues this year, filling close to 4,500 exhibition booths.

Every year, hardware manufacturers and software developers put their latest and greatest products up for public scrutiny, often in the hope of scooping up an award or two. Software developers stand side by side with their hardware partners, and obscure, relatively unknown manufacturers get their chance to shine.

This year saw the battle for UMPC or "Netbook" dominance crank up a notch. ASUS held up their frontline well, with the ever-improving Eee PC and Eee Desktop making strong waves. MSI, toting their Wind PC as the answer to life's problems (if portable, low-spec laptops are the main concern in your life) didn't stand by idly, rabidly comparing price to performance. GIGABYTE and Acer entered the fray as well, brandishing the tiny M528 and Aspire One, respectively. Intel and AMD, the muscle behind this war, had plenty

to say as well. AMD punted their new integrated Puma platform, which is based on dual-core Turion technology and is set to give Intel's well-received Atom processor a run for its money. VIA, not to be outdone by the big boys, showed off its energy efficient and low-cost C7-M and Nano processors, which have been developed alongside customers such as HP and Samsung.

Wireless networking also had its share of attention at the event. As Taiwan's wireless broadband ramps up, so does the technology backing it. Networking companies such as CNet Technology, Azurewave and Planet have been keeping themselves busy with the implementation of WiMAX technologies, and sang praise for it from the rooftops. Despite local bandwidth problems, WiMAX is seen as a sure-fire solution for broadband deployment in South Africa, so expect to hear terms like 802.16e being passed around a lot more in the future.

At the end of the five-day event, new deals were made, partnerships were initiated, and minds were boggled by the sheer amount of cool stuff that was on display. Attendees were shown without uncertainty where the industry is heading: small, green and connected.

ON LOCATION

Stinky Tofu made from soya milk curd and pressed into a cake, chicken-feet soup, Saki, karaoke and beautiful people all form part of a truly amazing trip to the city of Taipei in Taiwan. Computex is like finding the hidden treasure of Captain Lu Kim Hook. If you have a passion for computers and technology, you need to read this report. Obviously, we shall never be able to bring you everything that is Computex, but we'll attempt to bring you the essence and some of the hottest products to hit our shelves during 2008 and 2009.

If you have never heard of Computex, here are a few interesting facts: Computex 2008 hosted over 1,700 exhibitors in 4,492 booths, showed an impressive increase of 53.52% in the number of booths and 29.41% growth in total exhibitors compared to last year. The five-day exhibition attracted more than 100,000 visitors of which 30% were international visitors.

Impressed yet?
Thanks to Sapphire ATI and AMD for making this report possible!
Enjoy the read.

Len Nery

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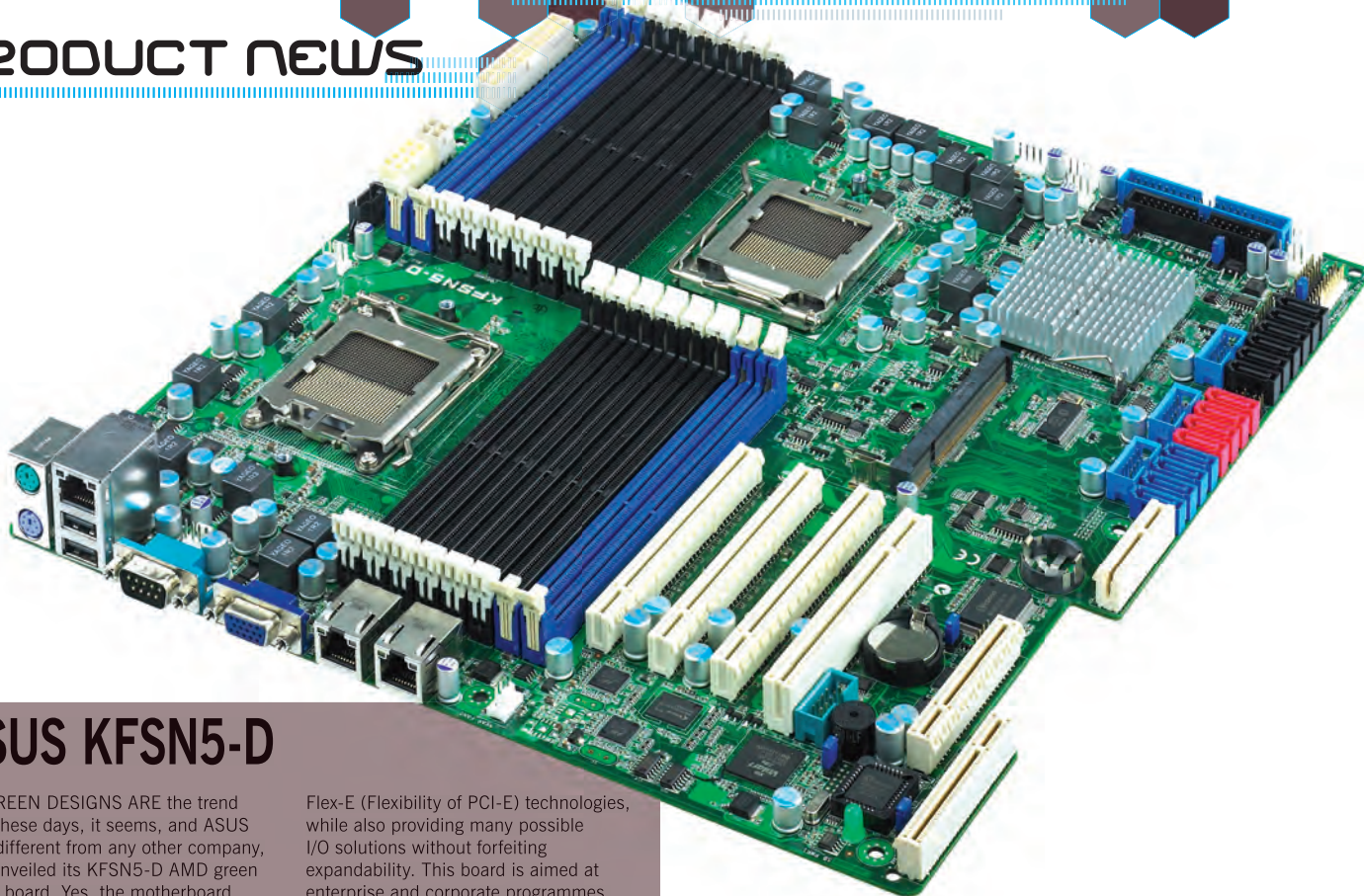
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PRODUCT NEWS



ASUS KFSN5-D

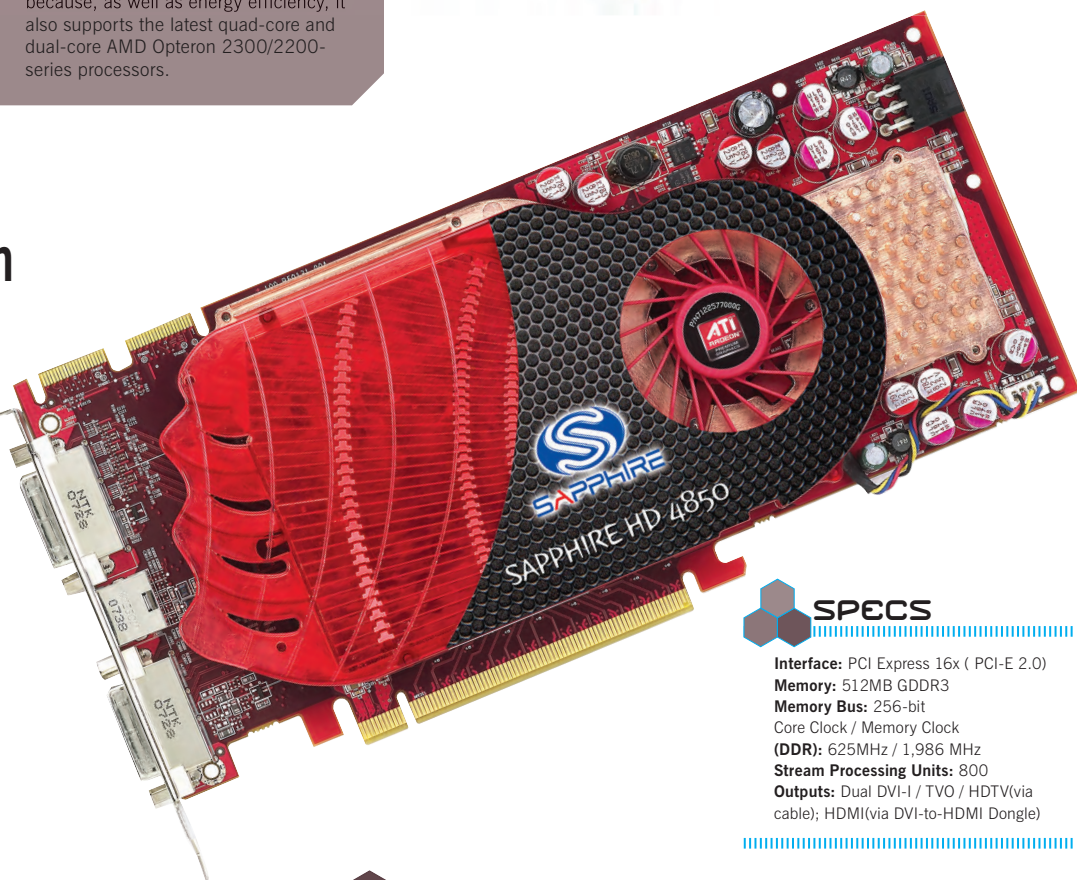
GREEN DESIGNS ARE the trend these days, it seems, and ASUS is no different from any other company, as it unveiled its KFSN5-D AMD green server board. Yes, the motherboard actually has a green tint, but is also designed with energy efficiency in mind. It sports ASUS's unique PIKE (Proprietary I/O Kit Expansion) and

Flex-E (Flexibility of PCI-E) technologies, while also providing many possible I/O solutions without forfeiting expandability. This board is aimed at enterprise and corporate programmes, because, as well as energy efficiency, it also supports the latest quad-core and dual-core AMD Opteron 2300/2200-series processors.

Sapphire Radeon HD 4850

PRICED AT \$199.99, the Sapphire Radeon HD 4850 will deliver the biggest bang for your buck. If you run two of these babies in CrossFire, they'll be able to run almost anything you can throw at them. If you are an NVIDIA fan, you should definitely take a second look at the Radeon HD 4850, especially because you can get two, and run them in CrossFire configuration for less than the latest and greatest NVIDIA GeForce 9800 GX2. If you want your next-gen games to run smoothly, the Sapphire Radeon HD 4850 is the card for you.

Two new models will be available at launch, both based on enhanced graphics architectures from the ATI division of AMD, incorporating 800 process units, improved memory management architecture and an upgraded hardware video decoder.



SPECS

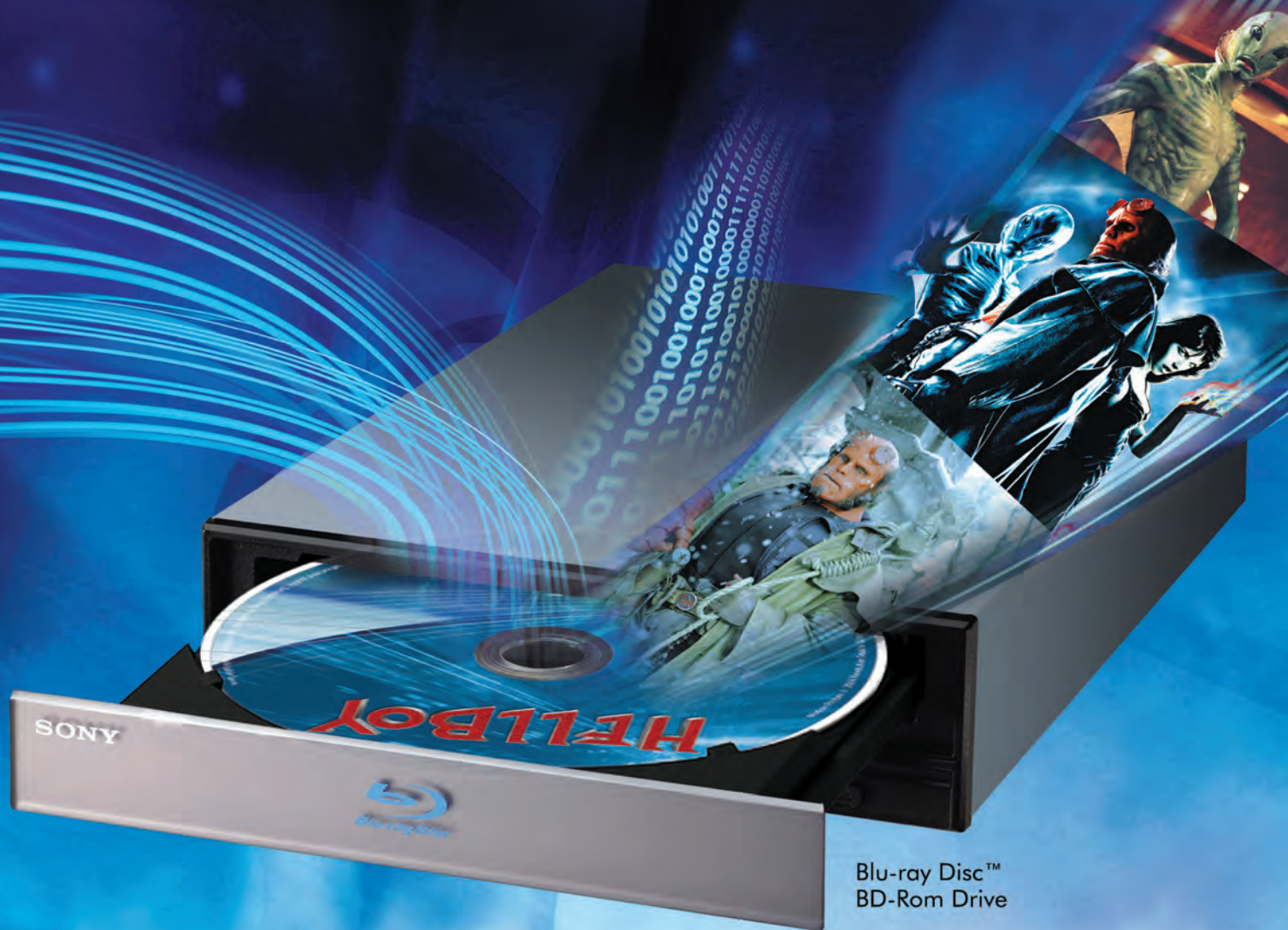
Interface: PCI Express 16x (PCI-E 2.0)
Memory: 512MB GDDR3
Memory Bus: 256-bit
 Core Clock / Memory Clock
(DDR): 625MHz / 1,986 MHz
Stream Processing Units: 800
Outputs: Dual DVI-I / TVO / HDTV(via cable); HDMI(via DVI-to-HDMI Dongle)

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Blu-ray Disc™
BD-Rom Drive

DESIGNED FOR ULTIMATE HIGH DEFINITION

INTERNAL BLU-RAY DISC™ DRIVE FOR MICROSOFT® WINDOWS VISTA™ AND WINDOWS® XP OPERATING SYSTEMS

Blu-ray Disc™ Drive is the next generation of optical storage with an emphasis on high definition video playback, gaming & information storage. Experience Blu-ray Disc™ Movies on your existing PC with Sony's New BDU-X10S BD-ROM Drive. It can playback recorded BD-R/-RE discs as well as DVDs & CDs. BWU-200S, another Blu-ray Drive of Sony can record up to 4 hours of 1080 Full HD Video or up to 50GB of data on BD-R/-RE disc.

These drives are incorporated with SATA interface for easy installation into Today's PC.



Blu-Ray Disc™ Rewritable Drive



External DVD Rewritable Drive



Internal DVD Rewritable Drive





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Blu-ray Disc™

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PRODUCT NEWS

ASUS Vit W1

ARE HORROR-THEMED COMPUTER games giving you heart palpitations? Trying to lose weight while sitting in front of your computer? Do you just want to know what your heart rate is while you are playing *World of Warcraft*? If you answered yes to any of these questions, then the Vit W1 Mouse by ASUS is the right mouse for you. This cordless laser mouse allows users to track their

heart rate, providing them with valuable information on their overall health and stress levels measured through the right thumb. Of course, there is always the alternative of going to the doctor, but who has the time and money for that when your mouse does it all for you?



MSI GX620

AS "GOING GREEN" seemed to be the prominent theme at this year's Computex, the MSI GX620 is no exception to the rule: the laptop utilizes natural and biodegradable materials such as wood and leather to bring a fantastic new design scheme to the laptop market. However, the design scheme isn't all that MSI has brought to the table in this futuristic set of gaming notebooks. MSI has gone back in time to when the Turbo Button was 'new age'. Unlike the old Turbo Button, which simply brought the CPU from reduced to normal power, the Turbo Ready system on these laptops will have a few different settings: Gaming, Multimedia and Battery Saver. These different options are built into the gaming laptop's hardware, and the Battery Saver option will extend battery life by up to 20%! No wonder this beauty won the 'Best Choice Award' at Computex '08. This glamorous gadget will truly have gamers going "gaga."



AWARD

The Best Choice of COMPUTEX TAIPEI Award has always been a symbol of excellence for the international consumers and global vendors. The award is judged on the premises of "technology", "innovation", and "the international marketing potential". The GX620 will lead the way for the MSI Gaming series by incorporating the concept design and performance of high class sports cars, injecting a new wave of fashion in the notebook industry.

ASUS EAH4850 1G

1G memory for the Best Multimedia & Gaming Experiences

World's First 1GB Memory EAH4850 Series



Feel the need for extreme graphics? Then the latest ASUS EAH4850/HTDI/1G graphics card will be right up your alley. Utilizing a large 1GB of onboard memory, this top-notch graphics card is specially designed for feature-rich DirectX 10.1 gaming and provides the best multimedia playback at ultra-high resolutions and maximum quality settings. What's more, the EAH4850/HTDI/1G directly comes equipped with the Glaciator Fansink – a uniquely designed cooling solution to keep GPU temperatures up to 7°C cooler than reference designs.

Unprecedented 1GB Onboard Memory for Ultimate Graphics

Memory size is very important for performance, as even a powerful GPU can suffer from bottlenecks due to slow and insufficient video memory. The more memory installed on a video card, the more data it can store – thus eliminating

the need to access PC RAM for faster graphical performance. With most current and upcoming games requiring increasingly high video memory requirements, the ASUS EAH4850/HTDI/1G, with its unprecedented 1GB of built-in memory, will provide greatly enhanced performances, and allow you to fully enjoy games or movies without lag or stuttering.

Up to 7°C Cooler with Exclusive Glaciator Fansink

The ASUS EAH4850/HTDI/1G utilizes the specially designed Glaciator Fansink to effectively dissipate heat away from the graphics card. Much like a glacial storm, the Glaciator Fansink quickly transfers heat away from the GPU to lower temperatures by a whopping 7°C in comparison to reference design boards. Besides this extreme cooling capacity, it

also operates very quietly with noise levels of only 25dB – almost imperceptible in a quiet room.

HD Gaming/Video with Break-through Efficiency

The ASUS EAH4850/HTDI/1G brings the power of graphical "supercomputing" to gamers and sets a new standard for visual computing. With the new TeraScale graphics engine, immersive, cinematic gaming experiences will redefine the way to play games and take HD gaming to a brand new level. With the ASUS EAH4850/HTDI/1G, you can watch Blu-ray movies and play HD content with incredible visual fidelity and breakthrough efficiency – all without compromising performance.

PRODUCT NEWS

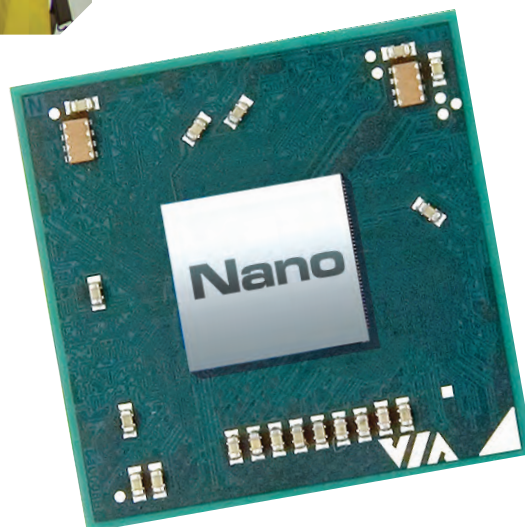
Intel Atom Processor

DON'T LET THE size of Intel's aptly named Atom processor fool you - it packs quite a punch. And don't let the previous statement fool you either. As Intel's smallest and lowest power processor, the Intel Atom powers the latest Mobile Internet Devices (MIDs) and another new category of devices for the Internet, called netbooks and nettops. Forty-seven million transistors on a 22mm² chip? You do the maths. The Atom was "developed specifically for targeted performance and low power while maintaining full Intel Core microarchitecture instruction set compatibility." Intel claims that the Atom will also extend the battery life of your MIDs, nettops and the like, because of the Atom's unique microarchitecture and technology. Now if only they could make one for a desktop PC that's just as powerful as a quad-core processor.



abit FunFab P80

HOW MANY TIMES has grandma or grandpa looked at a photo on the mantelpiece and immediately demanded a copy for their personal collection? More than you can count? abit has come to the rescue with the FunFab P80 (yes, that's the real name), a digital photo viewer, card reader and printer, combined into one sleek (and rather effeminate) design. The device is a bit bulky as it incorporates a printer, and won't fit snug against a wall. However, on the upside, you won't have to always tell grandma, "Next time."



VIA Nano Processor

THIS UNIQUE 64-BIT superscalar processor may revolutionise the way consumers and manufacturers look at home computing. The Nano will deliver increased performance while operating at the same levels of power consumption than other desktop and notebook processors. The Nano will also feature state-of-the-art security, including a dual-quantum random-number generator, an AES encryption engine, as well as NX-bit and SHA-1 and

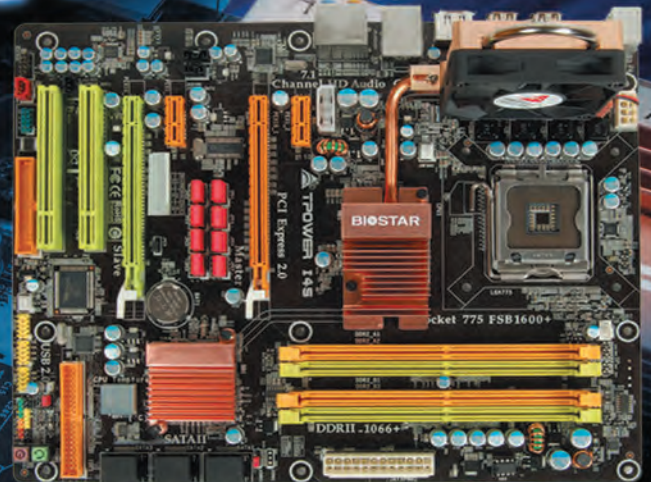
SHA-256 hashing. This suite of security tools will not only enable programmers to make unauthorised access extremely difficult, but will make any data obtained by unauthorised users unreadable and undecipherable. This makes VIA's Nano a must have for both manufacturers and consumers alike, as it won't only protect against unauthorised access, but will boost all-around performance and lower power consumption, especially while playing back digital media.

THE ULTIMATE SPEED EXPERIENCE FOR POWER USERS



**BREAKING
THE
RECORD**

**TPower I45
BREAKS WORLD RECORD
AT FSB 725MHz !!!**



- > **Intel P45 Chipset**
- > **Supports 45nm Intel Processors**
- > **FSB1600&DDR2-1066 Ram Module Support**
- > **AMD Crossfire-X Technology**
- > **PCI-Express 2.0**
- > **T-POWER Utility & BIO-TEX Technology**

Building Your Dream Platform TPower I45



- > **100% X.D.C (100% eXtreme Durable Capacitor)**
T-Power Series was used 100% Solid Capacitor, providing longer lifecycle, durability, and stably for the motherboard.



- > **Tweak Technology**
Biostar owned unique tweak technology about "T-POWER Utility" & "BIO-TEX Technology". They will provide all necessary force to deliver the best performance, audio and video experience.



- > **Hybrid Space-Pipe**
The ideal heat pipe design of the motherboard is based on original fanless design does not have reliability problems as a chipset fan does. Besides, we provide an optional fan for users to install effective side-flow fan. This Heat-Pipe design is the most reliable fanless thermal solution on the market up-to-date.



- > **Clear-Tone Technology**
Biostar innovative "Clear-Tone" Audio design, a low distortion audio, reduces high frequencies noise by other components. There is one independent capacitor per channel available to handle the noise occurred. Onboard 7.1 Channel Realtek ALC888 CODEC features HD Solution.



- > **Dual Graphic Technology**
Dramatically scales graphic and gaming performance by allowing 2 graphic card to operate in parallel and balance the workload. Full support AMDTM Crossfire-X Technology. It will give all the options and flexibility you ever use!!



- > **Rapid Switch**
No more meddling with Power & Reset jumpers on the board. The Power & Reset buttons are built onboard. It is more convenient for DIY users to test the board without short-circuiting the wrong pins.

PRODUCT NEWS

GIGABYTE GA-EP45-DQ6

GIGABYTE PULLED OUT all the stops this year, happily flaunting its new P45 range of motherboards. Things to look out for include automatic, chipset-driven, hard drive backups and driver-free, plug-and-play RAID thanks to Smart Backup, as well as USB flash drive-based 2,048 bit hardware encryption to keep your sensitive data from prying eyes, courtesy of their Ultra PMB technology. The hardware manufacturer also managed to nab four awards during the exhibition (more than any other exhibitor). The Best Motherboard Award was handed to the high-end GA-EP45-DQ6, while the noble GA-EP45-DS5, with its host of power-saving options, claimed the Green IT Product Award. This interesting combination of awards proves that GIGABYTE is committed to providing powerful hardware for the enthusiast, while still doing their part in the quest for energy conservation.

Not being a company that limits itself, GIGABYTE dived headfirst into the Mobile Internet Device (MID) market with its



Atom-powered, touch screen-enabled M528, and nabbed the Best Personal Devices Award for its trouble. This slick device pushes the boundaries of power in a bite-size package, and is sure to give established laptop and PDA competitors alike a run for their money. Moving up one notch, and claiming the Best Laptop Device Award, the GIGABYTE M700 UMPC is sure to pack a punch. Cramming two gigs of RAM, a 7-inch touch screen and ExpressCard expandability into such a tiny device is impressive, and leaves us eager to see where GIGABYTE is going to take this exciting class of highly portable devices.

Gigabyte is branching out, and expanding into new, untamed territory. Their brute-strength approach to motherboard design looks to be pointing them in the right direction, and it seems as if they're playing the same cards in the mobile devices game. Can they push current champions out of the way, or even clear their own space among the other next-generation competitors? Time will tell, but this looks like one horse certainly worth backing.



ASUS UFOTO UF735

EVER WANTED TO add a soundtrack to your life? The UFOTO UF735 by ASUS makes it possible to display your favourite memories in perfect colour and play your favourite music at the same time. It can also double as your computer monitor and media player. The UFOTO UF735 also features five

chic photo effects (Standard, Vivid, Nostalgic, Spotlight and Black and White) to make your photos really look alive. This great new monitor/photo viewer/home-entertainment system will fulfil all of your photo-viewing needs, while simultaneously entertaining houseguests.

ASUS ENGTX280 TOP

12% Faster!

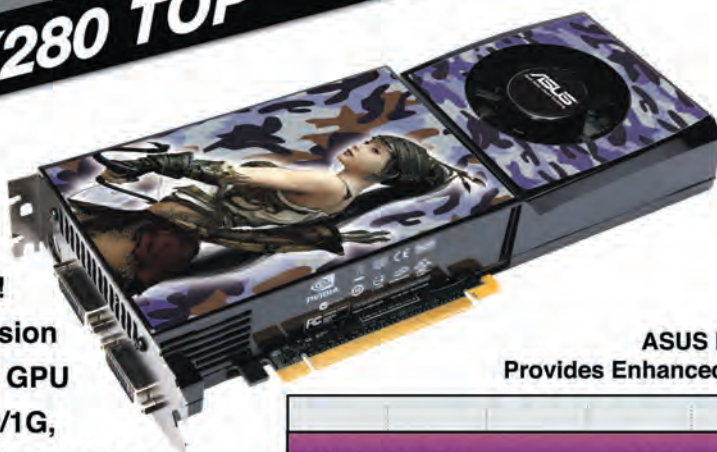
World's First Factory Overclocking GF GTX280



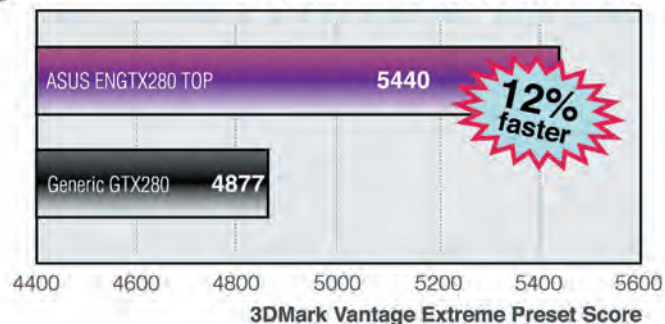
Game on with graphics cards that offer total gaming immersion! The world's first overclocking version of the NVIDIA GeForce™ GTX 280 GPU – the ASUS ENGTX280 TOP/HTDP/1G, is a powerful piece of hardware that provides you with 12% performance boosts in gaming experiences to set your adrenaline pumping.

12% Faster Performances

With the ENGTX280 TOP/HTDP/1G, gamers can expect core, shader, and memory clock performance boosts from 602MHz up to 670MHz, from 1296MHz up to 1460MHz, and from 1107MHz up to 1215MHz. Such massive performance upgrades help raise the ENGTX280 TOP/HTDP/1G's 3DMark Vantage Extreme Preset score from 4877 to 5440 – an astonishing 12% improvement in speed when compared to any other reference designed board*. Start feeling the adrenaline rush of unprecedented gaming performances – only with the ASUS ENGTX280 TOP/HTDP/1G!



ASUS ENGTX280 TOP
Provides Enhanced Performances

**Enjoy Absolute Game Immersion**

With 50% performance boosts over previous generations of graphics cards, the ENGTX280 TOP provides lifelike graphics for virtually guaranteed gaming immersion. Additionally, it seamlessly shifts processing-intensive tasks from the CPU to the GPU – like playing Blu-ray movies or running graphical processing-intensive applications. This results in smoother and faster tasks – for example 7x faster trans-coding of a video to a personal video player.

PRODUCT NEWS

Acer Aspire One

THE ASPIRE ONE is one of the many new UMPCs (Ultra-Mobile PCs) unveiled at this year's Computex, but unlike any of the other UMPCs, the Aspire One utilises the Linpus Linux Lite operating system to reduce start-up and shut-down times by nearly 50%, meaning you can be up and online in a matter of seconds. Weighing in at less than 1kg and equipped with the new, state-of-the-art Intel Atom processor, the Aspire One will keep up with your every move and even stay one step ahead, and all for under \$1,000.



“

The Acer Aspire one netbook designed for internet use will help drive growth in the exciting new netbook category. Purpose built Intel Atom processors are enabling our customers to innovate and together we will bring the next billion users online.

”

Mooly Eden, vice president and general manager, Mobile Platforms Group, Intel Corporation



Arctic RC RAM Cooler

IF YOU ARE an overclocking enthusiast and you find that your RAM is overheating, then you should think about getting a heat sink for it. However, not just any old heat sink. Arctic Cooling has unveiled its new Arctic RC RAM cooler, which will make your RAM just as cool as you - a comfortable 44°C. Even if you don't think that it's cool enough, your computer will thank you for the extra cooling by running as smooth as the new Gaurain should (actual results may vary depending on system specs).

Ikonic Ra X10 Case

IF YOUR SYSTEM is running on water-cooling, but you still want to get the most out of those little chips, then the Ikonic Ra X10 Case is a must have. The case has a built-in radiator on the inside panel as well as 13 fans. That should be enough to satisfy any enthusiast's overclocking craving. Available in black or silver, this full-tower aluminium case comes with built-in SIM (System Intelligent Management) so you can control the temperature without sacrificing precious overclocking capabilities, allowing you to run all hardware or software that has a tendency to overheat the machine.





V9603 GS39



Specifications:

ENGINE CLOCK: 550 MHz
MEMORY CLOCK: 1600 MHz
MEMORY SIZE: 384MB
MEMORY TYPE: DDR3

V9603 GT52



Specifications:

ENGINE CLOCK: 650 MHz
MEMORY CLOCK: 1800 MHz
MEMORY SIZE: 512 MB
MEMORY TYPE: DDR3

V8803 GT52



Specifications:

ENGINE CLOCK: 600 MHz
MEMORY CLOCK: 1800 MHz
MEMORY SIZE: 512 MB
MEMORY TYPE: DDR 3

VR8603 GT21



Specifications:

ENGINE CLOCK: 540 MHz
MEMORY CLOCK: 1400 MHz
MEMORY SIZE: 256MB
MEMORY TYPE: DDR3

V8502 GT51



Specifications:

ENGINE CLOCK: 450 MHz
MEMORY CLOCK: 667 MHz
MEMORY SIZE: 512 MB
MEMORY TYPE: DDR2

V8402 GL26



Specifications:

ENGINE CLOCK: 450MHz
MEMORY CLOCK: 533MHz
MEMORY SIZE: 256 MB
MEMORY TYPE: DDR2



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Durban Office: Unit 20, Briar Park, 10 Nandi Drive, Durban,
Tel: +27 31 564 3333, Fax: +27 86 679 3679

PRODUCT NEWS

Foxconn Digital Life

FOXCONN, EAGER TO join the energy conservation race, have been making a number of interesting developments in their hardware design. As part of their new Green range of products, they are committed to using corn-based plastics during manufacture, and have introduced their coyly named 3G technologies. These three systems will be put in place to save users up to 94% energy while the device is in

standby, as well as offering other power-saving functions while the machine is in use. These new technologies are designed to be used in conjunction with specially designed power supplies.

Much like their larger competitors, Foxconn has also been busy improving on the overclocking capabilities of their motherboards. The Quantum Force product range, now featuring the new Intel P45 chipset, is set to up the ante

when it comes to getting that chunk of extra power out of your hardware.

Digital Life, Foxconn's media-orientated range of products, is also getting a revamp, thanks to the multimedia-crunching 790FX chipset from AMD. Boasting Dolby Digital Life certification and enhanced 7.1 surround sound through DTS Connect technology, these motherboards are sure to give any media PC the audio clarity to stand its ground against the big names.

BAREBONES KIT

Wouldn't it be nice to save some extra money on electricity? The Foxconn Barebones Kit is the world's first barebone, system-wide energy-saving solution. If you love to overclock, or even if you have no idea what overclocking is, Foxconn's new barebones system will save you a little extra cash on electricity consumption, so you can finally get that giant trampoline you have always wanted (You don't want a giant trampoline? Why not?), or whatever tickles your fancy. Foxconn also showcased energy saving case fans and chassis.



OCZ 2,133MHz DDR3 RAM

WE KNOW WHAT you're thinking: "2,133MHz DDR3 RAM. Have they gone insane?" The answer is yes, they have - insane with power. OCZ has unleashed its most powerful RAM yet and it's hot - literally. That's why OCZ's 2,133MHz DDR3 RAM comes with its very own heat-sink

attachment, so even if you decide that you need extra power for those high-end games, this RAM will stay cool. This gives you many overclocking options (although it's hard to imagine that you would need to) and you won't have to worry about the temperature of your RAM.



REPUBLIC OF
GAMERS

ASUS recommends Windows Vista® Ultimate



ASUS G70

DOUBLE BARRELLED RIG FOR ULTIMATE GAMEPLAY

Extreme Performance with "Multi Dual-Engine" Architecture

Gaming hits a new reality with the extreme performance ASUS G70 notebook. Loaded with the power for ultimate intensity and fun, the G70 acquires a "Multi Dual-Engine" design architecture with a duplex structure in its major system components, including dual graphics engine, dual hard drive bays and dual fan systems.

Together with high-definition visual and audio capabilities, Intel® Centrino® processor technology and Genuine Windows Vista® Ultimate operating system, the G70 sets a new standard of mobile gaming, offering the performance of dedicated gaming rigs in a portable package.

Celeron, Celeron Inside, Centrino, Centrino Inside, Centrino Logo, Core Inside, Intel, Intel Logo, Intel Core, Intel Inside, Intel Inside Logo, Intel Viiv, Intel vPro, Itanium, Itanium Inside, Pentium, Pentium Inside, Viiv Inside, vPro Inside, Xeon, and Xeon Inside are trademarks of Intel Corporation in the U.S. and other countries.

PRODUCT NEWS

Noiselimite Silent Flux

NOISELIMIT IS A company that has cooled many a home-theatre system with their products, Silent Flux Media and Silent Flux ATX. Now, Noiselimite has expanded its borders to that of the desktop market with their new Noiselimite Silent Flux "bubble-pump cooling" systems. These cooling systems, as well as being almost completely silent, will provide much more efficient cooling than current products. If your computer's twenty-six fans won't allow you to sleep at night or force you to raise your voice while in the same room, then yell no more and sleep better with new desktop-cooling bubble-pump products by Noiselimite.



Compro VideoMate TV Tuner Cards

COMPRO'S NEW VISTA-READY TV-tuner cards, the VideoMate Vista series, will significantly reduce the learning curve for those who are new to PCTV products and Windows Vista. Every VideoMate Vista-series card will come equipped with a Microsoft-certified remote that can access all the features of Windows Media Center, as well as the

ComproDTV software. Compro also showcased a new selection of high-end, hybrid-hardware MPEG-1/2/4 TV cards. These new products will deliver fast and flexible TV viewing options such as show recording and series recording. The MPEG-4 hardware encoder will compress videos and movies into compact files while still maintaining crystal-clear quality.

Leadtek NVIDIA Quadro FX 5500

GRAPHIC DESIGNERS REJOICE! The Leadtek NVIDIA Quadro FX 5500 introduces the "Built For Professionals" concept. The BFP concept delivers NVIDIA Quadro professional GPUs whereby graphic designers are able to obtain improved and more efficient 3D performance than with standard graphics cards. The Quadro also sports a number of other features such as 8x FSAA, a full 256-bit Precision Graphics Pipeline, HDPR (High Precision Dynamic Range Imaging) technology, and 12-bit sub-pixel precision. Although the Quadro is not the most powerful GPU on the market, it will certainly satisfy graphic designers.



SPECS

Memory Size: 1GB GDDR2
Memory Interface: 256-bit
Graphics Memory Bandwidth: 33.6GB/sec
Display Connectors: Dual Dual-link DVI-I + Stereo
Monitor Support: Support for two ultra-high resolution panels up to 3,840 x 2,400

USB INGENIOUS Grip SF-5501U



- * Digital model: 2 axis, 12 fire key
- * Turbo / clear function
- * Direct X 7.0a or upper version
- * Available with PS2 function upon requested
- * Compatible with Windows 98/98se/me/2000/XP

USB INGENIOUS Grip SF-5501U



- * Available with P.S2
- * 8 way digital direction controller
- * Quad-directional motion control
- * 2 motors for vibration feedback
- * 8 analog action buttons
- * Motion sensing on/off switch
- * 10 digital action buttons

USB POWER SHOCK SF-908V



- * Compatible with Windows P.S2
- * Available with P.S2+USB(2 in 1)
- * Direct-X 7.0a or upper version
- * Digital mode (2 axis, 10 fire buttons)
- * Analog mode (4 axis, 12 fire buttons)
- * Vibration / Turbo/clear function

COBRA FIGHT STICK V2 JS-3101V



- * W/Vibration function
- * Direct-X 7.0a or upper version
- * 4 axis, 12 fire buttons
- * Compatible with Windows 98/98SE/98me/2000/XP
- * Available with XB/P.S2 function upon requested

V 7 RACING WHEEL WH2-2003U



- * Available with P.S2+USB(2 in 1)
- * 2 axis, 10 fire buttons Wheel, with foot pedals
- * Vibration feedback available.
- * Available with XB+P.S2+NGC(3 in 1)
- * With 8-directional stick and 1~4 button control stick, 180 degree rotation

PC WIRELESS GUITAR



- * Compatible with Guitar Hero III
- * Responsive whammy bar
- * Bi-directional strum bar
- * Responsive and durable fret buttons
- * Windows 98/ME/2000/XP/Vista

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PRODUCT NEWS

Edimax Wireless 802.11n Networking Home Solution

WIRELESS NETWORKING AT home is a concept that has grown in leaps and bounds over the years. From simple wireless routers to entirely networked homes, it is an industry that Edimax is filling with innovative new technologies. Using a central broadband router with EZview network management, home users will be able to expand on the network with devices such as wireless Network Attached Storage (NAS) and the Edimax DMA (Digital Media Adaptor). This device is designed to communicate effortlessly with other Edimax devices, and will allow for streaming from the Internet or NAS to your TV or Wireless Projector Server, a handy device that allows multiple users or devices to connect to any projector without the need to swap cables. A simple button press allows viewers to change the projector's source in an instant.

Wireless Internet radio can be added to the system, as well as wireless print servers for easily sharing a central printer. IP cameras team up to create a security wall that integrates with the whole system, so you can switch to camera views while watching a show streamed directly off another device. While much of this technology seems aimed at household use, the potential benefits for office applications are vast, and could allow for rapid expansion of a business network.



ASUS Lamborghini ZX1

ALTHOUGH IT'S NOT the real thing, the ASUS Lamborghini ZX1 will certainly turn heads as you walk down the street, either talking or texting. The sleek carbon-fibre finish, combined with high-grade stainless steel, is a work of art, equipped with a touch screen and a unique graphical user interface that can be personalised to suit everyone's taste. And unlike a real Lamborghini, it is affordable.

ASUS R710 PND

THE HUD (HEADS-UP display) of racing games has finally made its way to real life. ASUS has utilised a revolutionary technology that they think will ensure driving safety. The HUD will project navigation instructions, speed and fuel remaining on the windshield in front of the driver. This will not only help drivers focus on the task at hand (driving, hopefully), but also prevent distractions. The ASUS R710 PND will revolutionise the way car manufacturers will think about the vehicle instrument panel and is paving the road to the future of driving.



Eee PC

The ASUS Eee PC is unlike most computers before it. While computer manufacturers chase everything in the pursuit of truly intimidating performance specs, the Eee PC is designed not so much to impress the user, but to give him what he truly needs.

Indispensible Lifestyle Accessory

We have come to rely on computers for many things – surfing the Web for movie reviews and weather reports, emailing colleagues, keeping in touch with friends, storing, editing and even sharing photos and playing our best-loved movies and music. For work and play, it has become our most indispensable lifestyle accessory.

For living our lives unchained to the desk, the Eee PC keeps us connected with built-in Wi-Fi that can access the Internet wirelessly, wherever there's a "hot spot". Combined with a USB 3G modem, one can use the Eee PC to access the Web over the 3G mobile phone network!

Ideal Travel Companion

But connectivity aside, the Eee PC also makes the ideal travel computer because it is extremely compact and lightweight, measuring just 7" across weighing less than 1 kg.

But above all, it is also able to weather the rigors of travel far better than conventional notebooks because it uses FLASH storage in place of a conventional hard drive that has many sensitive parts moving and spinning at high speeds.

For photographers, writers, hikers or people who just need a computer when outdoors, to look up information, to communicate with others, to serve one's information needs, the Eee PC is the perfect choice, combining function, portability and rugged build, in one.

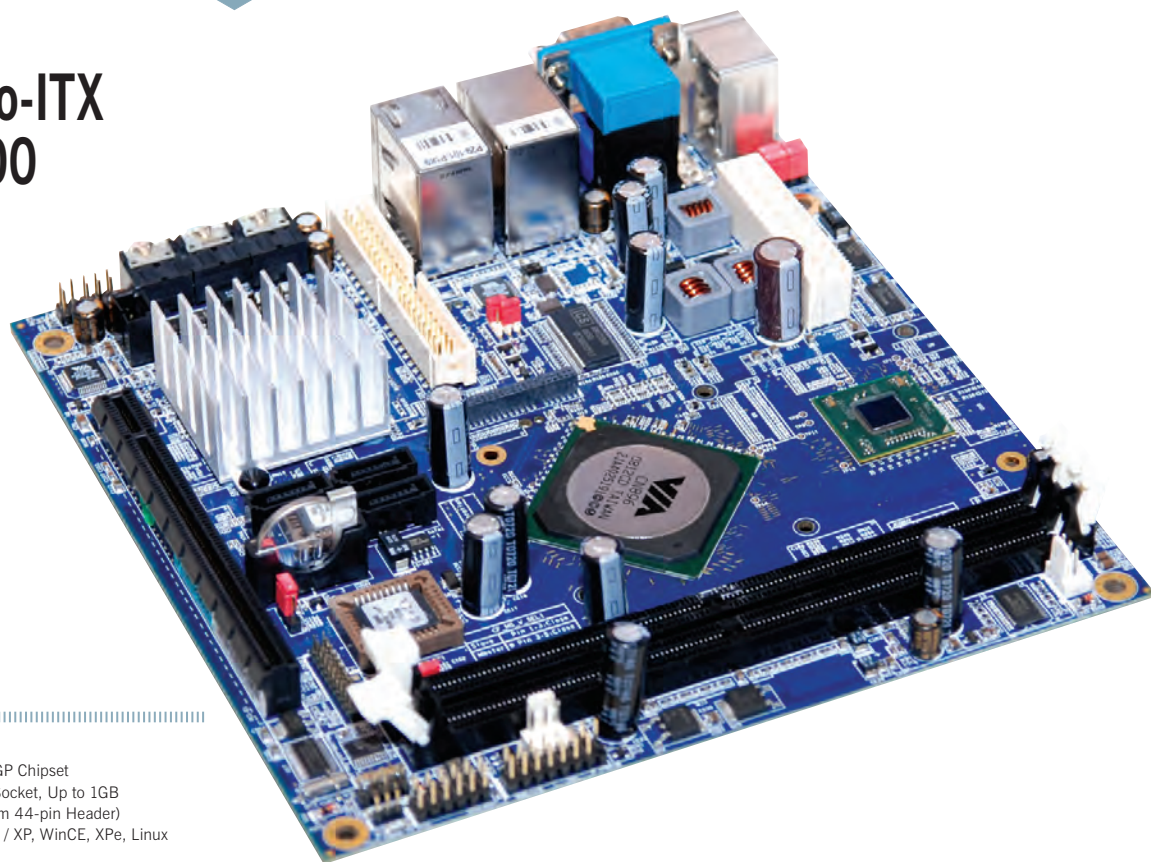


Lush Green **The
Road Less
Travelled**

PRODUCT NEWS

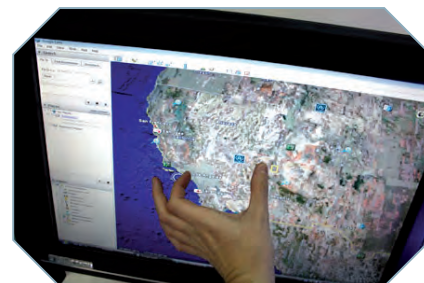
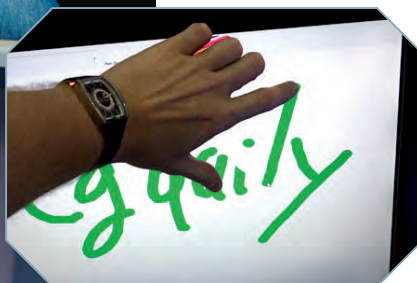
VIA ARTiGO Pico-ITX Builder Kit A1000

VIA'S ARTiGO PICO-ITX Builder Kit makes it easy to build your own computer with all the parts and step-by-step instructions included. Although you shouldn't expect a top-of-the-range PC, if Web browsing, e-mail and word processing are all you need, then VIA's ARTiGO will suit your needs perfectly. With 1GB of RAM and a 1.0GHz processor, the ARTiGO will fulfil all your basic computing needs, while teaching you the basics of building your own machine. The ARTiGO is also extremely small - 15cm x 11cm x 4.5cm - and can be wall mounted or inserted into the 5.5-inch bay of a desktop machine. As long as you follow the instructions carefully, the ARTiGO is your best bet for a first-time computer-building experience.



DETAILS

CPU: VIA C7 1GHz Processor
Chipset: VIA VX700 Unified Digital Media IGP Chipset
Memory Support: 1 DDR2 533 SO-DIMM Socket, Up to 1GB
Hard Disk Support: 1 IDE Connector (2.0mm 44-pin Header)
Operation System Support: Windows 2000 / XP, WinCE, XPe, Linux
USB Ports: 4 USB 2.0 ports
LAN Port: 1 10/100Mbps RJ-45 LAN port
Audio: Built-in High Definition Audio
Audio Ports: 1 Microphone-in jack, 1 Line-out jack
Display Port: 1 VGA port
Dimensions: 15cm x 11cm x 4.5cm



Windows 7 Multi-touch LCD

ONE OF THE most stunning products on show at Computex '08 was an LCD designed by Albatron. The Windows 7 Multi-touch LCD will change the way you think about your keyboard and computer screen. Sensors placed on either side of the touch screen will allow users to experience the joy of an iPhone on a 22-inch LCD. And the technology works! Demos using Google Earth stunned even the most critical at Computex, and Albatron reported that even larger displays could be designed using this beautiful touch-screen interface, changing the way LCDs will be produced for years to come.

FreeCOM

European Brand, German Technology

SHOCK RESISTANT TOUGH DRIVES

TOUGH DRIVE

EXTERNAL MOBILE HARD DRIVE / 2.5" / USB 2.0
WIN & MAC



TOUGH DRIVE CUSTOM
USB



TOUGH DRIVE
USB



TOUGH DRIVE PINK
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TOUGH DRIVE PRO
USB & FIREWIRE



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PRODUCT NEWS

Foxconn Quantum Force

BASED ON THE next-gen Intel P45 chipset, the latest product in the Quantum Force series is the Avenger motherboard. Foxconn uses their latest technology to reduce heat and noise, and the Avenger will be the first system on the market to maximise system performance, making it a must have for enthusiasts. Foxconn provided a live demonstration of their latest motherboard at Computex '08, and not even Foxconn's legendary MARS and BLACKOPS MOBOs offer the type of overclocking the Avenger does. Foxconn consistently produces reliable and tweakable motherboards that leave enthusiasts begging for more.

Foxconn also broke two world records at Computex '08 with a group of top overclockers from Italy, Japan and the USA. If we were awarding a 'Best at Show Award', then Foxconn would certainly take the prize.

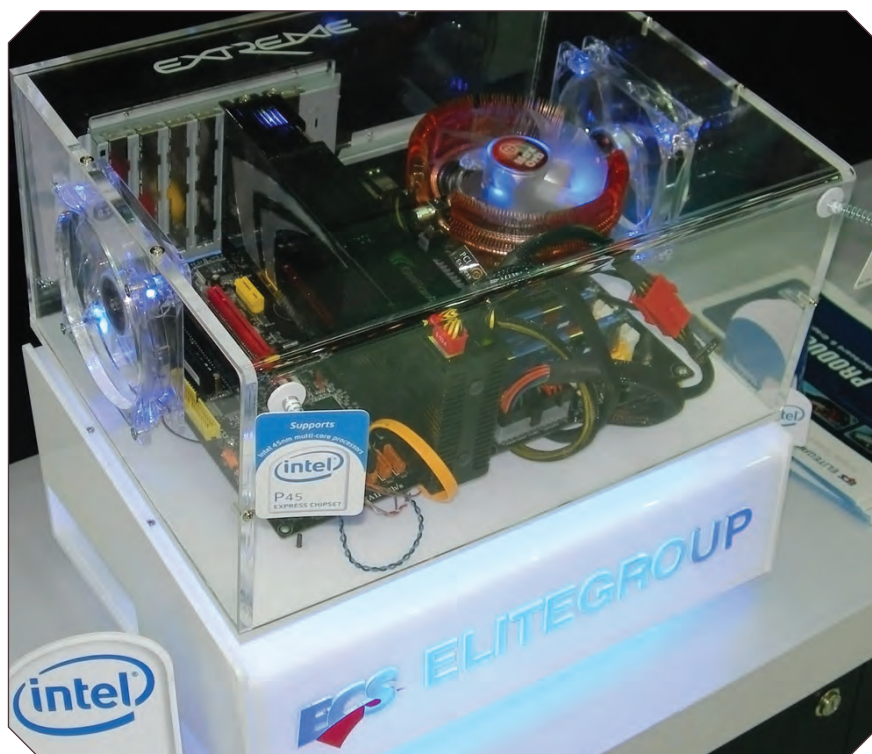


ECS P45T-A and P43T-A2

ECS HAS ANNOUNCED the launch of two new motherboards, the P45T-A and P43T-A2, which allow gamers to choose between two modes of optimised graphics settings: dual- or single-graphics mode. In dual mode, both graphics cards will utilise the PCI-E slots at 8x for a better load balance. In single graphics mode, the graphics card will be able to use the full PCI-E 16x lane. This allows gamers to optimise their gaming experience by allotting different bandwidths per graphics card, greatly increasing system performance and stability with either one or two graphics cards.

DETAILS

- CPU:** LGA775 socket for latest Intel® Yorkfield/ Wolfdale/ Conroe/ Core 2 Extreme/Core 2 Quad/Core 2 Duo/ Pentium Dual Core/ Celeron Dual Core/ Celeron 4xx processor
- FSB:** 1,333/1,066/800 MHz
- Chipset:** Intel Eaglelake P45 & ICH10R; Northbridge: Intel Eaglelake P45; Southbridge: Intel ICH10R
- Memory:** Dual-channel DDR2 memory architecture; 4 x 240-pin DDR2 DIMM sockets support up to 16GB; Supports DDR2 800/667 DDR2 SDRAM



Ultra Media

Complete Digital Entertainment On the Go

ASUS recommends Windows Vista® Business



ASUS M51

Entertainment and Productivity in One

The allure of the ASUS M51 begins with its ultra chic styling and high quality construction in the league of high-end lifestyle accessories; beneath this industry-leading level of refinement, the powerful, feature-packed M51 has everything needed for first-class enjoyment of movies and computer games. The M51 is powered by Intel® Centrino® processor technology and Genuine Windows Vista® Business, with memory capacity up to 4GB, it also has packs advanced power management technology for low fan noise and improved battery life.

A massive hard drive capacity up to 250GB, choice of HD DVD or Blu-Ray optical drive and TV output presents next-generation entertainment today, in a slick, compact package.

Underpinning this is the ATI Mobility Radeon HD2400 graphics engine that not only delivers crisp image quality, life-like colors, and smooth video playback. The same graphics engine together with Microsoft DirectX 10.0 also delivers stunning level of detail and high performance with graphics intensive games.

For work, the M51's swivel webcam with LED light and wireless connectivity makes it a breeze to connect with colleagues. The built-in numeric keypad improves productivity ergonomically, while fingerprint scanner authentication keeps important data private with guarded security.

Number Pad for Intuitive Input

Fingerprint Authentication for Data Security

Wireless Communication with Built-in Webcam

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PRODUCT NEWS



ECS G45T-M and G43T-M

FOR THOSE WHO are looking to turn their computer into a home-theatre system, the G45T-M and G43T-M motherboards have been optimised for Blu-ray and HD video playback as well as HD audio playback. Equipped with a second PCI-E 2.0 16x slot, the G45T-M and G43-M will blow you away as they deliver crystal-clear video playback and explosive audio playback. To meet the requirements of Windows Vista, both motherboards will be DirectX 10 compliant, feature Gigabyte Ethernet and eight-channel HD audio. This will enable a sweeter entertainment experience for all who participate and will make your computer the home theatre of the future.



ASUS D304 Home Theater

EQUIPPED WITH AN interactive media decoder that directly decodes DTS audio and broadcasts in 5.1-channel DTS surround sound, the ASUS D304 Home Theater provides users with high-fidelity audio through dynamic ranges of as much as 24-bit, 96kHz audio rates as well as smooth playback capabilities via built-in HDMI. Like a gaming PC, the D304 is also equipped with a graphics card that supports

hardware decoding and acceleration of H.264 and VC1 codecs to provide users with full HD 1080p content viewing, while simultaneously reducing CPU load. This makes watching high-quality movies and television programmes easy and completely enjoyable. If your home theatre doesn't provide the quality you want, the ASUS D304 will truly make your dreams come true, no matter what your expectations.





ASRock®

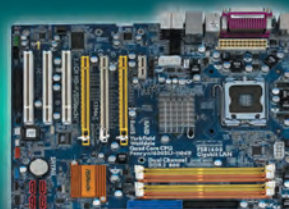
www.asrock.com



FLY TO THE FUTURE WITH ASROCK

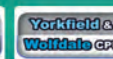
PENRYN 1600SLI 100DB

- NVIDIA® 740i SLI / 650i SLI + NVIDIA® nForce 430 Chipsets
- All Solid Capacitor design (100% Japan-made high-quality Conductive Polymer Capacitors)
- Compatible with FSB1600/1333MHz CPUs



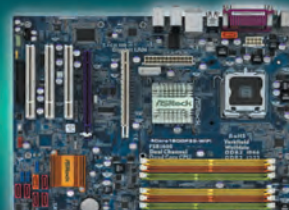
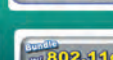
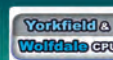
4CORE 1600TWIN P35

- Intel® P35 + ICH9 Chipsets
Compatible with FSB1600/1333MHz CPUs
- Supports Dual Channel DDR3 1333 (2 x DIMM slots) with max. capacity up to 4GB and Dual Channel DDR2 1066 (4 x DIMM slots) with max. capacity up to 8GB



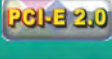
4CORE 1600P35 WIFI

- Intel® P35 + ICH9R Chipsets
- All Solid Capacitor design (100% Japan-made high-quality Conductive Polymer Capacitors)
- Compatible with FSB1600/1333MHz CPUs



K10N78FULLHD

- Support for Socket AM2+ / AM2 processors:
AMD Phenom™ FX / Phenom / Athlon 64 FX / Athlon 64 X2 Dual-Core / Athlon X2 Dual-Core / Athlon 64 / Sempron processor
- Supports Hyper-Transport 3.0 (HT 3.0) Technology
- NVIDIA® GeForce 8200 Chipset



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PRODUCT NEWS



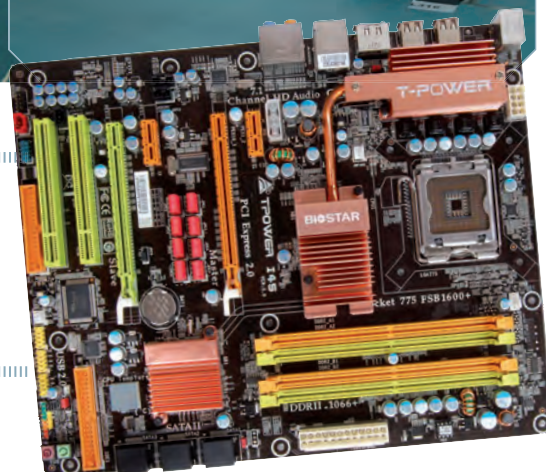
Biostar TPower 145

THIS STATE-OF-THE-ART GAMING motherboard sports everything a gamer needs. It supports the latest CPUs from Intel and is equipped with two PCI-E 2.0 16x (8x for SLI) slots, ten USB 2.0 ports and 8.2-channel HD audio for high-fidelity audio playback. The TPower 145 is aimed at overclocking enthusiasts and gamers, as it hosts an unmatched Northbridge and Southbridge. Although it is not the most power-efficient board on the market, it certainly is the most powerful. With Biostar's Cooler Harbor Thermal solution, this board will run as silent as a mouse while still delivering the power you crave. This motherboard will deliver the best gaming performance as it supports up to two AMD/ATI Radeon HD graphics cards, making it the most tweakable gaming platform ever!



DETAILS

CPU Support: Supports Intel Core2 Extreme/Core 2 Quad/Core 2 Duo/Pentium D/Pentium 4/Celeron 400 Series/Celeron D Processor
FSB Support: 1,600MHz
Chipset: Intel P45/ICH10R
Socket: LGA 775
Memory: DDR2 1,066MHz x 4



Sapphire quad 1080p 56-inch LCD monitor

SAPPHIRE TECHNOLOGY, MANUFACTURER of graphics cards and motherboards, are making bold moves into the world of LCD displays. The concept of multi-displays is taking a leap ahead, with Sapphire's seamlessly linked quad 1080p 56-inch LCD monitor, capable of a resolution of 3,840x2,160. This behemoth requires output from four DVI ports, provided by two AMD/ATI FireGL cards, the type usually reserved for high-end workstation use.

Not satisfied with just size, Sapphire has been digging into increasing image depth as well. The concept of polarising images using a dual-layer LCD screen is exciting, and when

combined with a pair of polarised glasses, will create an awesome 3D impression. This technology is still taking baby steps, and will be pricey to start, but if everything goes according to Sapphire's plans, expect 3D monitors to gain in popularity thanks to their slick form factor when compared to bulky headsets.

Another technology that manufacturers are toying with more commonly is water-cooling. Showing off their Cooler Master-partnered Radeon HD3870 solution, Sapphire is playing to the enthusiast with gusto, elegantly pushing the alternative cooling system onto the mass market.

Music e-Box

ASUS recommends Windows Vista® Business

ASUS M70

SOURCE OF SOUND

*Altec Lansing Speakers & Dolby Home Theater
for True-to-Life Audio Performance*



Enjoy Music in the Audio Sweet Spot

The allure of the ASUS M50 begins with its ultra chic styling and high quality construction. For industry leading audio performance, the 15" widescreen laptop offers exclusive ASUS AI Surround technology that delivers refined sound with real surround power through Euphany digital processing, Dolby Home Theater as well as built-in Altec Lansing speakers. The unique dual-mode multimedia touch pad allows users to enjoy total entertainment control at the fingertip. The M50 is based on Intel® Centrino® processor technology and Genuine Windows Vista® Business.



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PRODUCT



ASUS Nova P244

NEED A DESKTOP PC that will offer high-quality digital audio and video playback while still being small enough to fit on your mantelpiece or bookshelf? The ASUS Nova P244 truly shines when it comes to design and space saving. Dubbed the smallest 2L dual-core desktop PC, this machine only takes up about 2l of space! Equipped with hi-fi speakers, there is no need for extra bulky speakers, so this ultra-compact desktop PC will truly fit wherever it is needed, while still providing everything a user needs for living in the digital age.

DETAILS

- Processor Type:** Intel Core 2 Duo E6550
- Processor speed:** 2,330MHz
- RAM Memory:** 2,048MB
- Hard Disk Capacity:** 250GB
- Drives Fitted:** 12.7mm slim-type, slot-in DVD super-multi
- Graphics Description:** Intel GMA 3000
- USB Connections:** 4
- Onboard LAN:** Yes

MSI Wind Notebook

WITH A WIDE selection of colours including imperial black, angelic white and loving pink, the Wind series is geared towards anyone on the go who wants a notebook they are not afraid to show off in public. The Wind Notebook will ship with your choice of Windows XP or Linux and is powered by an Intel Atom 1.6GHz processor based on a motherboard using the 945GMS + ICH7M chipsets. It supports up to 2GB of DDR2 667 memory and includes an 80GB 2.5-inch SATA hard drive. It sports a 10-inch WSVGA LCD with a wide-screen resolution of 1,024 x 600. The gaps between keys on the keyboard have been widened for easy typing, whether it is e-mail, a term paper or instant messaging. The Wind features a 12-inch wide keyboard, which should be much easier to work with compared to smaller keyboards: each letter key measures 17.5mm wide and the touch pad is 54mm wide. The Wind Notebook is perfect for college or office life and will not disappoint you - unless of course you are looking for a gaming rig (see MSI's GX620).



The fastest wireless solution anywhere, guaranteed!

Other products available from Edimax:



Wireless USB adapter

The Edimax 802.11n Draft 2.0 wireless broadband router ED-BR6504N

Enjoy your network applications without any interruption.

- Data transmission rate with 6 times more speed – up to 300Mbps !
- High bandwidth capability
- Backward compatible to standard wireless devices (802.11b/g)



Wireless broadband router



Wireless N PCI-card



Edimax Homeplug

PRODUCT NEWS



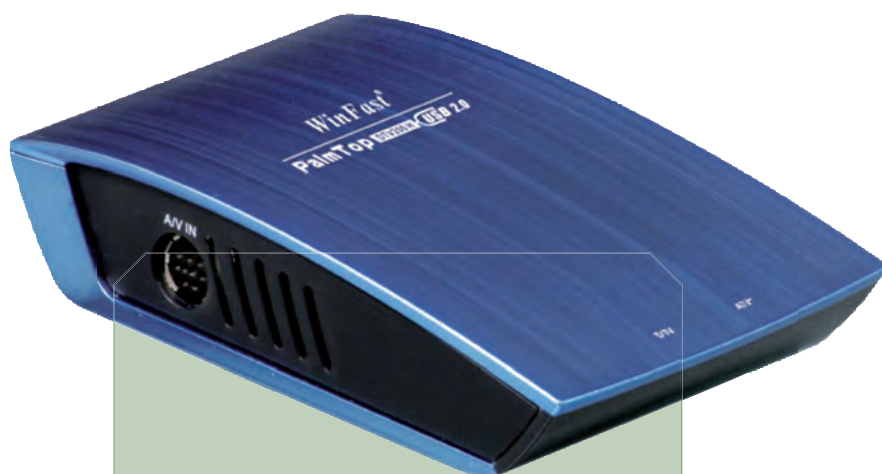
Leadtek WinFast PX9800 GTX

LOOKING FOR A new graphics card that's overclockable and will deliver stunning graphics? Then the WinFast PX9800 GTX is your answer. Supporting the latest PCI-E 2.0 specification, this powerhouse will run at the full 16x with extreme performance and visual appeal. It sports dual dual-link DVI and HDMI outputs for an awe-inspiring 2,560 x 1,600 resolution for your 30-inch HD display. (What do you mean you don't have a 30-inch HD display? What are you waiting for?) The PX9800 GTX supports DX10, so you can run all your high-end games at full settings as well as watch movies with unmatched effects. If you are looking for a new state-of-the-art graphics card that will make all your gaming fantasies come true, then the PX9800 GTX is your man (or woman).



DETAILS

Model: PX9800 GTX
Graphic Bus: PCI Express
GPU: NVIDIA GeForce 9800 GTX
Core Clock/Memory Clock: 675/2,200MHz
Shader Clock: 1,688MHz
Memory: 512MB GDDR3
RAMDACs: 400MHz
Stream Processors: 128
DirectX Support: DirectX 10, Shader Model 4.0
Bundled Game: *Neverwinter Nights 2*
Output: Dual Dual-link DVI, HDMI



Leadtek WinFast PalmTop DTV200 H

THE PALMTOP DTV200 H may be a bit small for a DTV, but it has more features than you can imagine. Supporting NTSC, SECAM, DVB-T and PAL, this minute box of love is plug-and-play compliant via its USB 2.0 interface, and comes bundled with an FM antenna, a remote control and a four-in-one AV cable. This device will deliver crystal-clear video to your VCR, game console or camcorder. Also included are such features as DirectBurn, time shifting, scheduled recording and EPG on a two-layer menu, which allows for quick and easy navigation. The PalmTop DTV200 H also supports HDTV and Dolby Digital AC3 audio, enabling smooth playback of programmes and videos.

Music e-Box

ASUS recommends Windows Vista® Business

ASUS M Series

Source of Sound

ASUS AI Surround Technology Puts You in the Audio Sweet Spot



Sensational Surround Enjoyment at the Fingertips

The allure of the ASUS M Series begins with its ultra chic styling and high quality construction. For industry leading digital entertainment performance, the 15"W M50 and the Full HD 17"W M70 with Blu-Ray support offer exclusive ASUS AI Surround technology that delivers refined sound with real surround power through digital processing, Dolby Home Theatre as well as built-in Altec Lansing speakers. The unique dual-mode multimedia touch pad allows users to enjoy total entertainment control at the fingertips. The M50 and M70 are based on Intel® Centrino® processor technology and Genuine Windows Vista® Business.



ASUS M Series delivers high definition quality for a dramatically enhanced multimedia experience.

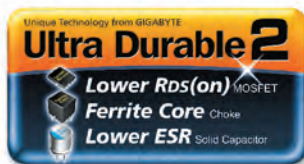


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More Power Savings Better Power Efficiency

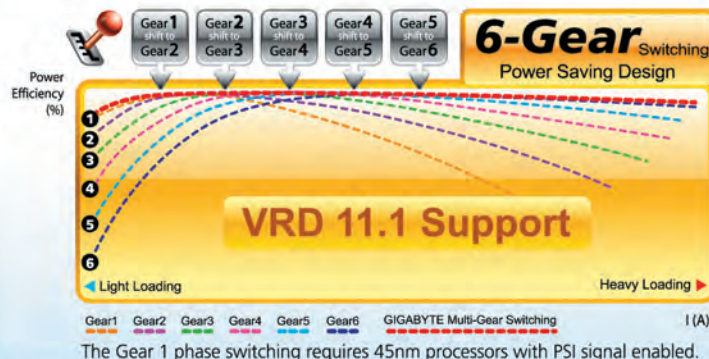
Dynamic Energy Saver™ Advanced / Ultra Durable™ 2 Motherboards



World's Only Energy Saving Technology with **Hardware based Dynamic 6-Gear** Switching.



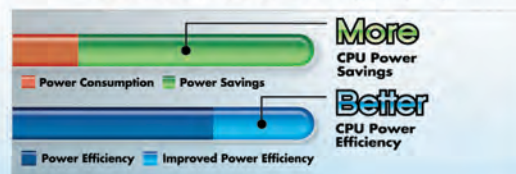
Powered by Intersil's Reliable
Hardware CPU Power Engine



Dynamic LED Display



One-Click Power Savings Utility



GA-EP45-DQ6



- DES Advanced featuring hardware based Dynamic 6-Gear switching
- 12+2+2 Phase VRM Design
- Ultra Durable
- Smart Backup / Silentpipe / Ultra TPM
- 4 Gigabit Ethernet LAN
- Quad ATI CrossFireX™ for Multiple VGA support
- Diagnostic LED & ACPI LED
- PW Reset/ Ctr CMOS button
- Dual BIOS
- Supports Dolby Home Theater audio
- Hardware Overvoltage Control IC
- eSATA ports x 4
- 10 x Serial ATA 3Gb/s connectors



GA-EP45-DS3R



- DES Advanced featuring hardware based Dynamic 6-Gear switching
- 6 Phase VRM Design
- Ultra Durable
- Ultra TPM
- 2 Gigabit Ethernet LAN
- Dual BIOS
- Supports Dolby Home Theater audio
- Hardware Overvoltage Control IC
- eSATA ports x 2



The Leader in All Solid Capacitor Motherboards



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